

APPLIED MATHEMATICS AND COMPUTATION

VOLUME 60

- E. M. ELABBASY
Oscillatory Behavior of Solutions of Forced Second Order
Differential Equations with Alternating Coefficients1
- MARK FINKELSTEIN AND STEPHEN SCHEINBERG
The Storage Complexity of Some Estimators of the Median15
- C. MUSÈS
Hypersurfaces Applied or How They Interface with the
Physical World25
- SAID FARIABI AND BETTY TRAVIS
On Conjugate Points for Second Order Systems37
- NIKOLAOS S. PAPAGEORIOU
Sensitivity Analysis for a Continuous Time Infinite
Horizon Growth Model43
- SHAO-MING WANG
A Cubic Structure on an Arbitrary Quadrilateral55
- B. MALAKOOTI, LUCIEN DUCKSTEIN, AND A. RAVINDRAN
Screening Discrete Alternatives with Imprecisely Assessed
Additive Multi-Attribute Functions69
- SÁNDOR MOLNÁR AND FERENC SZIGETI
On "Verticum"-Type Linear Systems with Time-Dependent
Linkage89
- LOU FA-LONG AND LI YAN-DA
Neural Network for the Exact RLS Adaptive Algorithm103
- E. NAVARRO, M. V. FERRER, AND L. JÓDAR
Closed Form General Solution of Nonhomogeneous Implicit
Higher Order Difference Systems113
- MICHAEL A. GOLBERG AND C. S. CHEN
On a Method of Atkinson for Evaluating Domain Integrals
in the Boundary Element Method125

HAN BO, SHAO JI-QUN, AND GUO BAO-QI A Widely Convergent Method for Determining the Distributed Parameters of an Elliptical Equation	139
A. EL-NAHHAS Stability of a Third-Order Differential Equation of Retarded Type	147
GUAN ZHIHONG, WEN XIANGCAI, AND LIU YONGQING Variation of the Parameters Formula and the Problem of BIBO for Singular Measure Differential Systems with Impulse Effect.	153
RICHARD H. WARREN Special Cases of the Traveling Salesman Problem	171
CHING L. CHANG, XIAOQING XIANG, AND JIANSHI LI An Analysis of the Eddy Current Problem by the Least-Squares Finite Element in 2-D.	179
PETER Y. H. PANG AND RAVI P. AGARWAL On Discrete Boundary Value Problems Arising in Transport Phenomena	193
XIAODONG LIN AND XINZHI LIU Qualitative Study of an HIV Transmission Model among Intravenous Drug Users	215
PAOLO GHELARDONI AND PIETRO MARZULLI Error Estimates for Shooting Methods in Two-Point Boundary Value Problems for Second-Order Equations	237
V. LAKSHMIKANTHAM, S. K. SEN, V. C. VENKAIAH, AND S. SIVASUNDARAM Stabilizing Trench's Algorithm to Invert Symmetric Toeplitz Matrices	249
D. G. LAINIOTIS, N. D. ASSIMAKIS, AND S. K. KATSIKAS New Doubling Algorithm for the Discrete Periodic Riccati Equation	265
S. M. SHAHRUZ AND A. L. SCHWARTZ An Approximate Solution for Linear Boundary-Value Problems with Slowly Varying Coefficients.	285
OLGIERD A. PALUSINSKI AND FERENC SZIDAROVSKY A Chebyshev Expansion Method for Solving Nonlinear Circuit Equations	299

